Index of Claims

| Application | /Control | No. |
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10/826,983 Examiner

Mark S. Graham

Applicant(s)/Patent under Reexamination

**GOLDSMITH ET AL.** 

Art Unit

3711

| √  | Rejected |
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| 11 | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| N     | Non-Elected  |
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| <br>ı | Interference |

| A | Appeal   |
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| Cli         | Claim Date |                |            |              |          | Claim Date |              |          |           |          |          |          |           | ٦        | Claim Date |        |          |          |  |               |        |                 | —        |                     |             |          |              |          |            |                    |   |   |
|-------------|------------|----------------|------------|--------------|----------|------------|--------------|----------|-----------|----------|----------|----------|-----------|----------|------------|--------|----------|----------|--|---------------|--------|-----------------|----------|---------------------|-------------|----------|--------------|----------|------------|--------------------|---|---|
| <del></del> |            | $\vdash$       | T-         |              |          |            |              |          |           |          |          | $\neg$   | +         | - Oi     | t-         |        | Т        | ਜੱ       |  | <u>,</u>      | $\neg$ | _               | —        |                     |             |          |              |          |            |                    |   |   |
| Final       | Original   |                |            |              |          |            |              |          |           |          | Final    | Original |           |          |            |        |          |          |  |               |        | Final           | Original | 002111              |             |          |              |          |            |                    |   |   |
|             | 1          | H              | † <u> </u> | ÌТ           | T        | T          | ╁            | t        | $\vdash$  | П        | -        | 51       |           | $\vdash$ | Н          |        |          | _        | $\dashv$   | +             | ┪      | -               | 101      | $\vdash$            | $\vdash$    | +        | Ħ            | ┪        | -          | $\dashv$           | ᅱ   |   |
|             | 2          | T              | T          | 1-           | T        | T          | T            | ╁╴       | T         | $\vdash$ |          | 52       | H         |          |            |        | $\dashv$ | $\neg$   | $\dashv$   | _             | ┪      | -               | 102      | ╁                   | $\vdash$    | $\dashv$ | ┪            | $\dashv$ | ┰          | $\dashv$           |   |   |
|             | 3          | $I^-$          |            | T            | T        | t          | T            | ✝        | ✝         |          |          | 53       | t         |          |            |        |          |          | $\dashv$   | $\neg$        | 1      |                 | 103      | $\vdash$            |             | 十        | 7            | $\dashv$ |            | $\dashv$           | -   | _ |
|             | 4          | T              | T          |              | T        | l          | t            | T        | T         | $\Box$   |          | 54       | Т         |          |            |        | $\neg$   | $\neg$   | 寸  | _             | 1      |                 | 104      | $\vdash$            | $\vdash$    | $\dashv$ | ┪            |          | $\dashv$   | $\dashv$           | 一   | _ |
|             | 5          | T              | T          | 1            | $I^-$    | T          | $\vdash$     | Т        | T         | H        |          | 55       | <u> </u>  |          |            |        | $\neg$   | 7        | $\dashv$   | $\dashv$      | ┪      |                 | 105      | 一                   | $\vdash$    | 7        | ┪            | ┪        | ᅥ          | $\dashv$           | 一   | _ |
|             | 6          |                |            | T            | Г        | Т          |              | Ι-       | ┢         | Н        |          | 56       | Ι-        | Ħ        |            |        | 寸        | _        | ┪  | $\dashv$      | ٦      | ļ               | 106      | 1                   | -           | $\dashv$ | $\dashv$     | _        | $\dashv$   | $\dashv$           | 一   | _ |
|             | 7          |                | Г          | $\vdash$     |          |            |              | T        | Г         | П        |          | 57       | $\vdash$  | П        |            |        | $\neg$   | $\neg$   | _  | -  -          | 1      |                 | 107      | T                   | $\vdash$    | _        | 1            | 7        | -          | $\dashv$           | $\dashv$  |   |
|             | 8          | П              | Г          | Γ            |          |            | Т            | Т        |           | П        |          | 58       |           |          |            |        | 一        | ヿ        | 寸  | 一             | ヿ゙     |                 | 108      | Ξ                   | $\vdash$    | 十        | 7            | 7        | 一          | $\neg$             | 寸   |   |
|             | 9          | <u> </u>       |            |              |          |            | $\vdash$     |          | $\vdash$  | П        |          | 59       |           |          |            |        | 一        | 一        | $\dashv$   | T             | ٦.     |                 | 109      | Ť                   | $\vdash$    | _        | 7            | 7        | ┪          | 十                  | 一   | _ |
|             | 10         |                |            |              |          |            |              |          | Г         | П        |          | 60       |           |          |            |        |          | 1        | $\dashv$   | 十             | 1      |                 | 110      | $^{\dagger\dagger}$ | Ιt          | 十        | ┪            | _        | _          | 十                  | _   | _ |
|             | 11         |                | Π          | Т            | 1        |            | 1            | Г        | Г         | П        |          | 61       |           | П        |            | $\neg$ |          |          | 7  |               | 7      |                 | 111      | 1                   |             | $\dashv$ | ┪            |          | 寸          | _                  | 寸   | _ |
|             | 12         | Г              |            | Γ            | Γ        |            |              |          |           | П        |          | 62       |           |          |            |        | $\neg$   |          | $\exists$  | $\neg$        | 1      |                 | 112      | 1                   |             | $\dashv$ | ┪            | _        | $\dashv$   | $\dashv$           | ヿ   | _ |
|             | 13         |                |            | L            | $\Gamma$ |            |              |          |           |          |          | 63       | T         | П        |            |        | $\neg$   | $\dashv$ | $\neg$   |               | 1      |                 | 113      | IT                  | П           | 一        | 7            | T        | _          | 十                  | 寸   | _ |
|             | 14         |                |            |              |          |            | $\Gamma$     |          |           |          |          | 64       |           |          |            |        | 一        | 7        | 寸  | $\neg$        | 1      |                 | 114      | 11                  |             | $\dashv$ | 7            |          |            | $\top$             | ┪   | _ |
|             | 15         | Π              |            |              |          |            |              |          |           | П        |          | 65       |           | П        |            |        | 一        | 寸        |  |               | 1      |                 | 115      | T                   |             | $\neg$   |              |          |            |                    | ヿ   | _ |
|             | 16         |                |            |              |          |            |              |          |           |          |          | 66       |           |          |            |        |          | $\neg$   | ヿ  | $\neg \vdash$ | 1      |                 | 116      | П                   |             | T        | T            |          |            | $\neg$             | ヿ   | _ |
|             | 17         |                |            |              |          |            |              |          |           |          |          | 67       |           |          |            | $\neg$ | Ī        | $\neg$   |  |               | 7      |                 | 117      | Π                   |             |          |              |          |            | $\neg$             | $\neg$  |   |
|             | 18         |                |            |              |          |            |              |          |           |          |          | 68       |           |          |            | $\neg$ |          |          | 一  | $\neg$        | 1      |                 | 118      |                     | $\Box$      | $\top$   | $\neg$       | 寸        |            | 寸                  |   |   |
|             | 19         |                |            |              |          |            |              |          |           |          |          | 69       |           |          |            | 一      |          | $\neg$   | $\neg$   | $\neg$        | 7      |                 | 119      | П                   |             | T        | 寸            | 寸        |            | 十                  | 寸   | _ |
|             | 20         |                |            |              |          |            |              |          |           |          |          | 70       |           |          |            |        |          | ヿ        | 丁  |               | 7      |                 | 120      | 16                  |             | T        |              |          |            |                    | ヿ   | _ |
|             | 21         |                |            |              |          |            |              |          |           |          |          | 71       |           |          |            |        | 一        | $\neg$   |  | $\neg$        | 7      |                 | 121      | V                   |             | 寸        |              |          |            | ヿ                  | コ   |   |
|             | 22         |                |            |              |          |            |              |          |           |          |          | 72       |           |          |            | $\Box$ | T        |          | $\neg$   |               | 7      |                 | 122      | 1                   |             | $\dashv$ |              |          |            | $\top$             | $\neg$  | _ |
|             | 23         |                |            |              |          |            |              |          |           |          |          | 73       |           |          |            |        |          |          | П  |               |        |                 | 123      | П                   |             |          |              | T        |            | $\neg$             | 寸   |   |
|             | 24         |                |            |              | L        |            |              |          |           |          |          | 74       |           |          |            |        |          |          |  |               |        |                 | 124      | 17                  |             | T        | T            | $\neg$   | T          |                    | $\Box$  |   |
|             | 25         |                |            |              |          |            |              | L        |           |          |          | 75       |           |          |            |        |          |          | П  |               | 7      |                 | 125      | П                   |             | Т        | $\neg$       |          | $\neg$     | $\neg$             | $\neg$  |   |
|             | 26         |                |            |              |          |            |              |          |           |          |          | 76       |           |          |            |        |          |          |  |               | 7      |                 | 126      |                     | T           | T        | 7            | ヿ        | ヿ          |                    | ヿ   |   |
|             | 27         |                |            |              | L        |            |              | L        |           |          |          | 77       |           |          |            |        |          | T        |  |               |        |                 | 127      | П                   |             |          | $\neg$       | $\neg$   |            | $\neg$             | $\neg$  |   |
|             | 28         | L              |            | L            | _        | _          |              |          |           |          |          | 78       |           |          |            |        |          |          |  |               |        |                 | 128      |                     |             | $\top$   | T            |          |            | $\neg$             | ヿ   |   |
|             | 29         | L              | L_         | L            | L        | 乚          | L            | L        |           | Ш        |          | 79       |           |          |            |        |          |          |  |               | ]      |                 | 129      |                     |             |          | П            | П        |            | $\top$             | $\neg$  |   |
|             | 30         | _              |            | _            | L_       | _          | 匚            | L        |           | Ш        |          | 80       |           |          |            |        |          |          | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |               |        |                 | 130      |                     |             |          | T            |          |            | $\Box$             | П   |   |
|             | 31         | L              | L          | <u> </u>     | L        |            | L            |          |           | Ш        |          | 81       |           |          |            |        |          |          |  |               |        |                 | 131      |                     |             |          | $\Box$       |          |            |                    | П   |   |
|             | 32         | _              | _          | _            | L        | _          | $oxed{oxed}$ | L        |           |          | <u> </u> | 82       | Ш         |          | _          | _      |          |          |  |               | _}     | ·               | 132      | Ш                   |             |          |              |          |            |                    | $\Box$  |   |
|             | 33         | <u> </u>       | _          | <u> </u>     | <u> </u> | <u> </u>   | <u> </u>     | Щ.       | L_        | Ш        | <u> </u> | 83       | Ш         | Ш        |            |        | _        | $\perp$  | $\perp$  |               |        |                 | 133      | V                   | $\Box \Box$ | $\perp$  | $\prod$      | $\Box$   | $_{\perp}$ | $oldsymbol{\bot}$  | $\Box$  |   |
|             | 34         | <u> </u>       | _          | <u> </u>     | <b>L</b> | ļ          | <u> </u>     |          | L_        | Ш        |          | 84       | Щ         | Щ        | _          | _      | _        |          | _  |               | _      | $\sqcup$        | 134      |                     |             |          |              |          |            | $oldsymbol{\perp}$ | $oldsymbol{ol}}}}}}}}}}}}}} $ |   |
|             | 35         |                |            | <u> </u>     | <u> </u> | _          | <u> </u>     | <u> </u> | <u> </u>  | Ц        | <u> </u> | 85       | Щ         | ot       |            | $\Box$ | ļ        | _        | _  |               | 4      |                 | 135      |                     |             |          | $\perp$      | $\perp$  | $\perp$    |                    |   |   |
|             | 36         | <u> </u>       | ļ          | <u> </u>     | ┞—       | <u> </u>   | <u> </u>     | H        | Щ.        | Ш        |          | 86       | $\square$ |          |            | _      | ļ        | _        | $\perp$  | $\perp$       | 4      |                 | 136      |                     | $\Box$      |          | $\perp$      | _[       | [          | $\perp$            | $\prod$   |   |
|             | 37         | <u> </u>       | <u> </u>   | <b> </b> _   | <u> </u> | <u> </u>   | <u> </u>     | L        | Щ         | Щ        |          | 87       | Ш         | $\sqcup$ |            | _      | _        | _        | $\dashv$   |               | 4      |                 | 137      | Щ                   |             | 4        | $\perp$      |          | _[         | $\perp$            | $oldsymbol{\perp}$  |   |
|             | 38         | <u> </u>       |            | <del> </del> | <u> </u> | <u> </u>   | <u> </u>     | <b>—</b> | Щ         | Щ        |          | 88       | Ш         |          |            | 4      | _        |          | _  |               | 4      |                 | 138      | Ш                   |             | $\perp$  |              | $\perp$  | $\perp$    | $\perp$            |   |   |
|             | 39         | <u> </u>       |            | <b> </b>     | <u> </u> | <u> </u>   | <u> </u>     | $\vdash$ | Ш         |          | ļ        | 89       | $\sqcup$  | $\sqcup$ | _          | _      |          | _        | $\dashv$   |               | 4      |                 | 139      | Ш                   |             | $\perp$  |              | $\bot$   |            | $\perp$            | $\bot$  |   |
|             | 40         | Ш              |            | <u> </u>     | <u> </u> | _          |              | <u> </u> | $\square$ | Щ        | ļ        | 90       | $\sqcup$  | $\sqcup$ | _          | _      | $\dashv$ | _        |  | $\bot$        | 1      |                 | 140      |                     |             | _ _      | 4            | [        | _[         | $\perp$            | $oldsymbol{\perp}$  |   |
|             | 41         | <u> </u>       |            | ├            | <u> </u> | <u> </u>   | $\vdash$     |          | Ш         | _        | <u> </u> | 91       | Ш         | $\sqcup$ | _          |        | _        | _        | 4  |               | 4      | $\sqcup$        | 141      | Ш                   | _           | $\perp$  | $\perp$      | _        | _          | $\perp$            |   |   |
|             | 42         | -              |            | <u> </u>     | _        | ├          | -            | $\vdash$ | $\sqcup$  | _        | <u> </u> | 92       | $\square$ | $\sqcup$ |            | _      | _        | 4        |  |               | 4      |                 | 142      |                     | $\perp$     | $\perp$  | 4            | 4        |            | $\perp$            | <b>山</b>  |   |
|             | 43         | $\vdash$       |            | <del> </del> | -        |            | <u> </u>     | $\vdash$ | Ш         | _        | <u> </u> | 93       | $\square$ |          | _          |        | _        | $\dashv$ | $\dashv$   | _ _           | 4      | $\sqcup$        | 143      | Ш                   |             | 4        | 4            | _        | _          | $\dashv$           | <b>⅃</b>  |   |
|             | 44<br>45   | H              | _          | <del> </del> | <u> </u> | -          | $\vdash$     | $\vdash$ | $\sqcup$  | $\dashv$ | <u> </u> | 94       |           | _        |            | _      | _        | $\dashv$ | $\dashv$   | +             | 4      |                 | 144      | Щ                   | _           | 4        | 4            | _        | _          | _                  | _   |   |
|             |            | $\vdash$       |            | ⊢-           | $\vdash$ | $\vdash$   | $\vdash$     | -        | $\vdash$  | $\dashv$ | <u> </u> | 95       |           | -        | 4          | _      | _        | +        | $\dashv$   |               | 4      |                 | 145      | Ш                   | _           | 4        | $\perp$      | _        |            | $\dashv$           | <b>⅃</b>  | _ |
|             | 46<br>47   | $\vdash$       | _          | $\vdash$     | $\vdash$ | $\vdash$   | ⊢            | $\vdash$ | $\vdash$  | $\dashv$ | <u> </u> | 96       | -1        | _        | -          | _      |          | -        | -  | $\dashv$      | 4      | $\vdash \vdash$ | 146      | Щ                   | _           | 4        | $\downarrow$ | _        | _          | $\dashv$           | $\dashv$  |   |
|             | 48         | Н              |            | <del> </del> | _        | <b>-</b>   | $\vdash$     | $\vdash$ | $\dashv$  | $\dashv$ | <u> </u> | 97       |           | -        | _          | 4      | -        | $\dashv$ | -  | $\dashv$      | -      | $\vdash$        | 147      | Ш                   | _           | 4        | 4            | _        |            | $\bot$             | $\dashv$  |   |
|             | 48         | $\vdash\vdash$ | -          | ├-           | $\vdash$ | <u> </u>   |              | Н        | $\vdash$  | $\dashv$ | <u> </u> | 98       | $\vdash$  | -        | $\dashv$   |        |          | $\dashv$ | -  |               | 4      |                 | 148      | Ш                   |             | +        | 4            | _        | 4          | $\dashv$           | _   |   |
|             | 50         | $\vdash$       |            | ⊢            |          | <u> </u>   | $\vdash$     | Н        |           | $\dashv$ | <u> </u> | 99       |           | -        | $\dashv$   |        | -+       | $\dashv$ | -  | -             | 4      | <b>  </b>       | 149      | Ш                   |             | 4        | 4            | _        | $\dashv$   | $\dashv$           | _   | _ |
|             | JU         | ш              |            | L            |          | <u> </u>   | L.           |          |           |          | l        | 100      |           |          | ı          | - 1    | - 1      | - 1      |  |               | 1      | 1               | 150      |                     | - 1         | - 1      | - 1          | - 1      | - 1        | ı                  | - 1   |   |